# TECHNIQUE FOR CONTINUOUS OFDM MODULATION

## ABSTRACT OF THE DISCLOSURE

A technique includes basing a discrete frequency transformation on the number of subcarriers in a predetermined set of subcarriers. One or more subcarriers of the set are assigned to modulate data, and the remaining subcarriers of the set are not assigned to modulate the data. The discrete frequency transformation is performed on the data to modulate the data, and mathematical operations that are associated with the subcarriers not assigned to modulate the data are excluded from the transformation.

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